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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/025,611	12/26/2001	Manabu Isomura	011735	4482

23850 7590 06/16/2005

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EXAMINER

SHAH, KAMINI S

ART UNIT PAPER NUMBER

2142

DATE MAILED: 06/16/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/025,611

Applicant(s)

ISOMURA ET AL.

Examiner

Kamini S. Shah

Art Unit

2142

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 23 March 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-4 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-4 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |                                                                                         |                                                                             |
|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____                                                |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____                                                             | 6) <input type="checkbox"/> Other: _____                                    |

*hcr*

***Response to Arguments***

1. Applicant's arguments, see remarks, filed 03/23/05, with respect to the rejection(s) of claim(s) 1-4 under 35 U.S.C. 102(b) as being anticipated by Yunoki (U.S. 5,717,859) have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Yunoki and Hild et al (6,532,368).

***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yunoki US patent no. 5,717,859 in view of Hild et al (6,532,368).

Regarding to claimed invention, Yunoki teaches communication control unit 2 for controlling a multimedia calls containing a plurality of calls by managing connection points and Legs based on the relationships among plural connection points belonging to same call object as to claimed service discovery protocol server for discovering a service provided by an apparatus using a service discovery protocol. Yunoki teaches service control point 21 comprising a processor, memory for storing network call model processing program, a service control program, and a protocol handler for performing an inter-work with the service switching point. As regard to claimed handler means,

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Yunoki further discloses service switching point comprising an ATM switch having ATM switching function, a processor for processing a call, a memory for storing a control program for AIN, and a handler for protocol conversion between the protocol of common channel signaling and an ATM-SM internal protocol, see col. 4, lines 35-50.

Yunoki teaches the claimed invention has discussed, but does not clearly disclose a common database for storing information. Hild et al teaches ad-hoc wireless local network including a memory for storing information about its local services and a protocol resource manager, and service discovery protocol implemented in all the devices, see col. 4, lines 56-61 and col. 5, lines 55-60. It would have been obvious to one of the ordinary skill in the art at the time of invention to utilize the common database for storing information as in disclosed in Hild into Yunoki for uninterrupted service, and would allow monitoring of devices on network without posing interface to any ongoing communication, see Hild et al col. 6, lines 5-12.

Regarding claim 2, for claiming service information defined for each service attribute, Yunoki teaches a connection point (CP) as an object connecting the Legs. The CP – related table stores a call reference number, a CP attributes, the number of Legs, and data indicating the correspondence between a Leg number and a directory number, see col. 6, lines 53-56.

Regarding to claim 3, the CP attributes includes a media type, the maximum throughput of communications, a band, a transmission quality, a parent CP flag as in col. 6, lines 56-60.

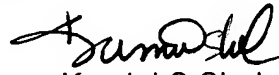
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Regarding to claim 4, for handler means, Yunoki teaches as seen in fig 4, a protocol handler for performing an inter-work with the service switching point through the common channel signaling.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kamini S. Shah whose telephone number is 571-272-2279. The examiner can normally be reached on IFP.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal B. Dharia can be reached on 571-272-3880. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Kamini S Shah  
Primary Examiner  
Art Unit 2142

kss